

- 1 & 3 phase outdoor unit
- Group control
- Piping lengths up to 70 m
- Distance between indoor units up to 15 m
- Flexible and easy to install



## Triple-Split Digital Inverter

CODE		100	125	140	140	200	250
TRIPLE-SPLIT COMBINATIONS		COMPACT CASSETTE TRIPLE			4-WAY CASSETTE TRIPLE		
INDOOR UNIT 1	RAV-	SM304MUT-E	SM404MUT-E	SM564MUT-E	SM564UTP-E	SM804UTP-E	SM804UTP-E
INDOOR UNIT 2	RAV-	SM304MUT-E	SM404MUT-E	SM564MUT-E	SM564UTP-E	SM804UTP-E	SM804UTP-E
INDOOR UNIT 3	RAV-	SM304MUT-E	SM404MUT-E	SM564MUT-E	SM564UTP-E	SM804UTP-E	SM804UTP-E
OUTDOOR UNIT	RAV-	SM1104ATP-E	SM1404ATP-E	SM1603AT-E	SM1603AT-E	SM2244AT8-E	SM2804AT8-E
Cooling Capacity	kW	10.0 (3.0 - 11.2)	12.0 (3.0 - 13.2)	14.0 (2.6 - 16.0)	14.0 (3.0 - 16.0)	20.0 (9.8 - 22.4)	23.0 (9.8 - 27.0)
Heating Capacity	kW	11.2 (3.0 - 13.0)	12.8 (3.0 - 16.0)	16.0 (2.4 - 19.0)	16.0 (3.0 - 18.0)	22.4 (9.8 - 25.0)	27.0 (9.8 - 31.5)
UK Total Cooling/Sensible Cooling Capacity	kW	9.50/7.60	11.40/9.10	13.30/9.40		19.30/15.30	22.20/17.00
UK Heating Capacity	kW	8.01	9.16	10.45		14.63	17.63
Operating Range Cooling/Heating	°C	46 to -15/15 to -15		43 to -15/15 to -15		46 to -15/15 to -20	
Cooling	EER/SEER/ESEER	3.16/5.04/6.10	2.80/5.25/6.43	2.81/4.64/4.87	3.12/5.47/5.75	3.21/5.01/5.24	2.81/5.15/5.44
	Seasonal Energy Consumption	695	799	-		-	
	Power Consumption/Energy Efficiency Class	3.16/B	4.29/A	4.99/B	4.49/A	6.24/B	8.19/A
Heating	COP/SCOP/ESCOP	3.75/4.17/6.30	3.76/4.19/5.22	3.48/3.86/4.00	3.61/4.47/4.66	3.85/4.79/5.01	3.61/4.55/4.77
	Seasonal Energy Consumption	2549	2674	-		-	
	Power Consumption/Energy Efficiency Class	2.99/A+	3.40/A+	4.60/A	4.43/A+	5.82/A++	7.48/A+

### INDOOR UNIT

Standard Air Flow H/M/L	l/s	177/144/122	183/153/130	222/187/152	292/242/217	342/267/225	
Standard Air Flow H/M/L	m³/h	640/520/440	660/552/468	798/672/546	1050/870/780	1230/960/810	
Sound Pressure Level H/M/L	dBA	40/36/31		43/39/34	32/29/28	35/31/28	
Sound Power Level H/M/L	dBA	55/51/46		58/54/49	47/44/43	50/46/43	
Height/Width/Depth	mm	268/575/575			256/840/840		
Ceiling Panel Height/Width/Depth	mm	27/700/700			30/840/840		
Total Weight	kg	16	17		20		
Ceiling Panel Total Weight/Type	kg	3/RBC-UM11PG(W)-E			4.2/RBC-U31PGP(W)-E		
Gas Side	mm - "	9.5 - 3/8	12.7 - 1/2			15.9 - 5/8	
Liquid Side	mm - "	6.4 - 1/4			9.5 - 3/8		
Drain Port (Inner/Outer)	mm	25/32			-		
Power Cable From Outdoor To Header Indoor		3 core + earth			-		
Power Cable Header Indoor To Follower Indoor		2 core + earth			-		
Remote Controller (Standard Supplied)		RBC-AMT32E - (Wired 2-core non-polarity)					

### OUTDOOR UNIT

Standard Air Flow	l/s	1133	1167	1717	2222	2500
Standard Air Flow	m³/h	4080	4200	6180	8000	9000
Sound Pressure Level Cooling/Heating	dBA	53/54	54/55	51/53	56/57	57/58
Sound Power Level Cooling/Heating	dBA	70/71		68/70	72/74	74/75
Refrigerant Base Charge/Chargeless To	kg/m	2.8/32		3.1/32	5.9/32	
Refrigerant Additional Charge Main Liquid Side	g/m	40			80	
Refrigerant Additional Charge Sub Liquid Side	g/m	20	40			
Minimum/Maximum Piping Length	m	5/50			7.5/70	
Height Difference Outdoor To Indoor	m	±30			-	
Height Difference Indoor To Indoor	m	±0.5			-	
Branch Pipes Max. Length Main Distributor To Furthest Indoor	m	15			20	
Max. Subtractive Separation Between Indoors	m	10			-	
Pipe Connections Gas Side Sub Branch Line To Indoor	mm - "	12.7 - 1/2	15.9 - 5/8	12.7 - 1/2	15.9 - 5/8	
Pipe Connections Liquid Side Sub Branch Line To Indoor	mm - "	6.4 - 1/4	9.5 - 3/8	6.4 - 1/4	9.5 - 3/8	
Pipe Connections Branch-Kit (Included in System Price)		RBC-TRP100E				
Pipe Connections Gas Side Main Line To Distributor	mm - "	15.9 - 5/8			28.6 - 1-1/8	
Pipe Connections Liquid Side Main Line To Distributor	mm - "	9.5 - 3/8			12.7 - 1/2	
Drain Port Connector Hose Inner Diameter	mm	16			-	
Height/Width/Depth	mm	890/900/320		1340/900/320		1540/900/320
Total Weight	kg	68		99	134	
Maximum Run Current	A	15.14	22.78	21.70	13.33	15.83
Power Supply		1 phase 230 V 50 Hz			3 phase 400 V 50 Hz	
Suggested Fused Supply	A	20	32		16	20

- 1 & 3 phase outdoor unit
- Group control
- Piping lengths up to 75 m
- Distance between indoor units up to 15 m
- Flexible and easy to install



## Triple-Split Super Digital Inverter

CODE		100	100	125	125	140	140	
TRIPLE-SPLIT COMBINATIONS		COMPACT CASSETTE TRIPLE					4-WAY CASSETTE TRIPLE	
INDOOR UNIT 1	RAV-	SM304MUT-E	SM304MUT-E	SM404MUT-E	SM404MUT-E	SM564MUT-E	SM564MUT-E	
INDOOR UNIT 2	RAV-	SM304MUT-E	SM304MUT-E	SM404MUT-E	SM404MUT-E	SM564MUT-E	SM564MUT-E	
INDOOR UNIT 3	RAV-	SM304MUT-E	SM304MUT-E	SM404MUT-E	SM404MUT-E	SM564MUT-E	SM564MUT-E	
OUTDOOR UNIT	RAV-	SP1104AT-E	SP1104AT8-E	SP1404AT-E	SP1404AT8-E	SP1604AT8-E	SP1604AT8-E	

Cooling Capacity	kW	10.0 (2.6 - 12.0)		12.5 (2.6 - 14.0)		14.0 (2.6 - 16.0)		
Heating Capacity	kW	11.2 (2.4 - 14.0)		14.0 (2.4 - 16.5)		16.0 (2.4 - 19.0)		
UK Total Cooling/Sensible Cooling Capacity	kW	9.50/7.60	9.70/7.40	11.90/9.50	12.10/8.40	13.50/9.00		
UK Heating Capacity	kW	7.31		9.14		10.45		
Operating Range Cooling/Heating	°C	43 to -15/15 to -15		46 to -15/15 to -20		43 to -15/15 to -20		
Cooling	EER/SEER/ESEER	3.75/5.67/6.75	3.58/5.64/6.75	3.96/6.18/6.45	3.61/5.87/6.15	2.81/4.95/5.22	3.12/5.49/5.80	
	Seasonal Energy Consumption	kWh/a	618	621	-			
	Power Consumption/Energy Efficiency Class		2.67/A+	2.79/A+	3.16/A++	3.46/A+	4.99/B	4.49/A
Heating	COP/SCOP/ESCOP	4.19/3.90/4.79		4.36/4.61/4.75		4.09/4.86/5.07		
	Seasonal Energy Consumption	kWh/a	4169		-			
	Power Consumption/Energy Efficiency Class		2.67/A		3.21/A++		3.42/A++	

### INDOOR UNIT

Standard Air Flow H/M/L	l/s	177/144/122		183/153/130		222/187/152	
Standard Air Flow H/M/L	m³/h	640/520/440		660/552/468		798/672/546	
Sound Pressure Level H/M/L	dBA	40/36/31				43/39/34	
Sound Power Level H/M/L	dBA	55/51/46				58/54/49	
Height/Width/Depth	mm	268/575/575				256/840/840	
Ceiling Panel Height/Width/Depth	mm	27/700/700				30/950/950	
Total Weight	kg	16		17		20	
Ceiling Panel Total Weight/Type	kg	3/RBC-UM11PG(W)-E				4.2/RBC-U31PGP(W)-E	
Gas Side	mm - "	9.5 - 3/8		12.7 - 1/2			
Liquid Side	mm - "	6.4 - 1/4				25/32	
Drain Port (Inner/Outer)	mm	25/32				3 core + earth	
Power Cable From Outdoor To Header Indoor		3 core + earth				2 core + earth	
Power Cable Header Indoor To Follower Indoor		3 core + earth				2 core + earth	
Remote Controller (Standard Supplied)		RBC-AMT3ZE - (Wired 2-core non-polarity)					

### OUTDOOR UNIT

Standard Air Flow	l/s	1683		1717		6180	
Standard Air Flow	m³/h	6060		6180		6180	
Sound Pressure Level Cooling/Heating	dBA	49/50		51/52		51/53	
Sound Power Level Cooling/Heating	dBA	66/67		68/69		68/70	
Refrigerant Base Charge/Chargeless To	kg/m	3.1/32				40	
Refrigerant Additional Charge Main Liquid Side	g/m	40				40	
Refrigerant Additional Charge Sub Liquid Side	g/m	20		40		40	
Minimum/Maximum Piping Length	m	3/50				±30	
Height Difference Outdoor To Indoor	m	±30				±0.5	
Height Difference Indoor To Indoor	m	±0.5				15	
Branch Pipes Max. Length Main Distributor To Furthest Indoor	m	15				10	
Max. Subtractive Separation Between Indoors	m	10				15.9 - 5/8	
Pipe Connections Gas Side Sub Branch Line To Indoor	mm - "	9.5 - 3/8		12.7 - 1/2		9.5 - 3/8	
Pipe Connections Liquid Side Sub Branch Line To Indoor	mm - "	6.4 - 1/4				9.5 - 3/8	
Pipe Connections Branch-Kit (Included in System Price)		RBC-TRP100E					
Pipe Connections Gas Side Main Line To Distributor	mm - "	15.9 - 5/8				9.5 - 3/8	
Pipe Connections Liquid Side Main Line To Distributor	mm - "	9.5 - 3/8				16	
Drain Port Connector Hose Inner Diameter	mm	16				1340/900/320	
Height/Width/Depth	mm	1340/900/320					
Total Weight	kg	93	95	93	95		
Maximum Run Current	A	10.43	3.72	15.76	6.66		
Power Supply		1 ph 230 V 50 Hz	3 ph 400 V 50 Hz	1 ph 230 V 50 Hz	3 ph 400 V 50 Hz		
Suggested Fused Supply	A	16	10	25	16		